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Attorney Docket No.: 020859-001310US

PTO/SB/01A (08-03)

Client Ref No.: 3650

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN  
APPLICATION DATA SHEET (37 CFR 1.76)****Title of Invention** IMPROVED METHOD AND SYSTEM FOR SCANNING APERTURELESS  
FLUORESCENCE MICROSCOPE

As the below named inventor(s), I/we declare that:

This declaration is directed to:

- ☐ The attached application, or
- ☒ Application No. 10/616,896, filed on July 9, 2003,
- ☐ as amended on \_\_\_\_\_ (if applicable);

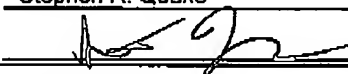
I/we believe that I/we am/are the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought;

I/we have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above;

I/we acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me/us to be material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT International filing date of the continuation-in-part application.

All statements made herein of my/our own knowledge are true. All statements made herein on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001, and may jeopardize the validity of the application or any patent issuing thereon.

**FULL NAME OF INVENTOR(S)**

Inventor 1	<u>Stephen R. Quake</u>	Date:	<u>10/22/03</u>
Signature:		Citizen of:	<u>United States</u>
Inventor 2	<u>Guillaume Lessard</u>	Date:	_____
Signature:	_____	Citizen of:	<u>Canada</u>
Inventor 3	<u>Lawrence A. Wade</u>	Date:	_____
Signature:	_____	Citizen of:	<u>United States</u>
Inventor 4	<u>Jordan M. Gerton</u>	Date:	_____
Signature:	_____	Citizen of:	<u>United States</u>

☐ Additional inventors are being named on additional form(s) attached hereto.

C0004883 v1

Attorney Docket No. 020859-001310US  
Client Ref. No.: 3650

PTO/SB/01A (08-03)

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN  
APPLICATION DATA SHEET (37 CFR 1.76)****Title of Invention** **IMPROVED METHOD AND SYSTEM FOR SCANNING APERTURELESS  
FLUORESCENCE MICROSCOPE**

As the below named inventor(s), I/we declare that:

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- ☐ The attached application, or
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- ☐ as amended on \_\_\_\_\_ (if applicable):

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**FULL NAME OF INVENTOR(S)**Inventor 1 Stephen R. Quake Date: \_\_\_\_\_Signature: \_\_\_\_\_ Citizen of: United StatesInventor 2 Guillaume Lessard Date: 17<sup>th</sup> Nov. 2003Signature: \_\_\_\_\_ Citizen of: CanadaInventor 3 Lawrence A. Wade Date: \_\_\_\_\_Signature: \_\_\_\_\_ Citizen of: United StatesInventor 4 Jordan M. Gerton Date: \_\_\_\_\_Signature: \_\_\_\_\_ Citizen of: United States☐ Additional inventors are being named on additional form(s) attached hereto.

60061003 v4

Attorney Docket No.: 020859-001310US

PTO/SB/01A (08-03)

Client Ref. No.: 3650

# DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

## Title of Invention

IMPROVED METHOD AND SYSTEM FOR SCANNING APERTURELESS  
FLUORESCENCE MICROSCOPE

As the below named inventor(s), I/we declare that:

This declaration is directed to:

- ☐ The attached application, or
- ☒ Application No. 10/616,896, filed on July 9, 2003,
- ☐ as amended on \_\_\_\_\_ (if applicable);

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## FULL NAME OF INVENTOR(S)

Inventor 1 Stephen R. Quake Date: \_\_\_\_\_

Signature: \_\_\_\_\_ Citizen of: United States

Inventor 2 Guillaume Lessard Date: \_\_\_\_\_

Signature: \_\_\_\_\_ Citizen of: Canada

Inventor 3 Lawrence A. Wade Date: 22 Oct. 2003

Signature: Lawrence A. Wade Citizen of: United States

Inventor 4 Jordan M. Gerton Date: \_\_\_\_\_

Signature: \_\_\_\_\_ Citizen of: United States

☐ Additional inventors are being named on additional form(s) attached hereto.

60061683 v.1

Attorney Docket No.: 020859-001310US

PTO/SB/01A (08-03)

Client Ref. No.: 3650

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)****Title of Invention****IMPROVED METHOD AND SYSTEM FOR SCANNING APERTURELESS FLUORESCENCE MICROSCOPE**

As the below named inventor(s), I/we declare that:

This declaration is directed to:

- ☐ The attached application, or
- ☒ Application No. 10/616,896, filed on July 9, 2003,
- ☐ as amended on \_\_\_\_\_ (if applicable);

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**FULL NAME OF INVENTOR(S)**Inventor 1 Stephen R. Quake Date: \_\_\_\_\_Signature: \_\_\_\_\_ Citizen of: United StatesInventor 2 Guillaume Lessard Date: \_\_\_\_\_Signature: \_\_\_\_\_ Citizen of: CanadaInventor 3 Lawrence A. Wade Date: \_\_\_\_\_Signature: \_\_\_\_\_ Citizen of: United StatesInventor 4 Jordan M. Gerton Date: 10/22/03Signature: Jordan Gerton Citizen of: United States☐ Additional inventors are being named on additional form(s) attached hereto.

60951883 v1

PTO/SB/91 (09-03)

**POWER OF ATTORNEY  
and  
CORRESPONDENCE ADDRESS  
INDICATION FORM**

Application Number	10/616,896
Filing Date	July 9, 2003
First Named Inventor	Stephen R. Quake
Title	IMPROVED METHOD AND SYSTEM FOR SCANNING APERTURELESS FLUORESCENCE MICROSCOPE
Art Unit	2881
Examiner Name	
Attorney Docket Number	020859-001310US

I hereby appoint:

☒ Practitioners associated with the Customer Number

20350

OR

☐ Practitioner(s) named below:

Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please recognize or change the correspondence address for the above-identified application to:

☐ The address associated with the above-mentioned Customer Number:

OR

☐ The address associated with Customer Number:

OR


<input type="checkbox"/> Firm or Individual Name				
Address				
Address				
City	State	ZIP		
Country				
Telephone	Fax			

I am the:

☐ Applicant/Inventor.

☒ Assignee of record of the entire interest. See 37 CFR 3.71.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

SIGNATURE of Applicant or Assignee of Record

Name	Adam Cochran The Intellectual Property Counsel		
Signature			
Date	NOV -4 2003	Telephone	

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☐ Total of \_\_\_\_\_ forms are submitted.

60061862 v1

PTO/SB/88 (09-03)  
Attorney Docket No. 020859-001310US**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: Stephen R. Quake et al.Application No./Patent No.: 10/616,896Filed/Issue Date: July 9, 2003Entitled: IMPROVED METHOD AND SYSTEM FOR SCANNING APERTURELESS FLUORESCENCE MICROSCOPECalifornia Institute of Technology, a university

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.  
The extent (by, percentage) of its ownership interest is \_\_\_\_\_ %

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☒ Copies of assignments or other documents in the chain of title are attached.  
(NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.8)

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

NOV - 4 2003

Date

Telephone number

Typed or printed name

Signature

Adam Cochran

The Intellectual Property Counsel

60081857 v1

Attorney Docket No. 020859-001310US  
Client Reference No. 3650

## ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, Stephen R. Quake of 744 Plymouth Road, San Marino, CA ; Guillaume Lessard of 477 S. Euclid Avenue, #4, Pasadena, CA ; Lawrence A. Wade of 436 Paulette Place, La Canada, CA ; and Jordan M. Gerton of 1522 Coolcrest Avenue, Upland, CA hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: IMPROVED METHOD AND SYSTEM FOR SCANNING  
APERTURELESS FLUORESCENCE MICROSCOPE

Date(s) of execution of Declaration:

Filing Date: July 9, 2003

Application No.: 10/616,896; and

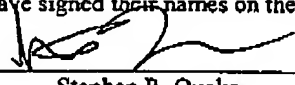
WHEREAS, California Institute of Technology, located at 1200 E. California Blvd., Pasadena, CA, 91125, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: 10/22/03

  
Stephen R. Quake

Dated: \_\_\_\_\_

Guillaume Lessard

Dated: \_\_\_\_\_

Lawrence A. Wade

An They Docket No. 020859-001-110US  
Client Reference No.: 3650

## ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, Stephen R. Quake of 744 Plymouth Road, San Marino, CA ; Guillaume Lessard of 477 S. Euclid Avenue, #4, Pasadena, CA ; Lawrence A. Wade of 436 Paulette Place, La Canada, CA ; and Jordan M. Gerton of 1522 Coolcrest Avenue, Upland, CA hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

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For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

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IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: \_\_\_\_\_

Dated: 17<sup>th</sup> Nov. 2003

Dated: \_\_\_\_\_

Stephen R. Quake

Guillaume Lessard

Lawrence A. Wade

Attorney Docket No. 020859-001310US

Client Reference No. 3650

## ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, Stephen R. Quake of 744 Plymouth Road, San Marino, CA ; Guillaume Lessard of 477 S. Euclid Avenue, #4, Pasadena, CA ; Lawrence A. Wade of 436 Paulette Place, La Canada, CA ; and Jordan M. Gerton of 1522 Coolcrest Avenue, Upland, CA hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

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Date(s) of execution of Declaration:

Filing Date: July 9, 2003

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IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: \_\_\_\_\_

\_\_\_\_\_  
Stephen R. Quake

Dated: \_\_\_\_\_

\_\_\_\_\_  
Guillaume Lessard

Dated: 22 Oct. 2003

Lawrence A. Wade  
Lawrence A. Wade

NOV. 19. 2003 2:40PM

TTC-PA 650-326-2422

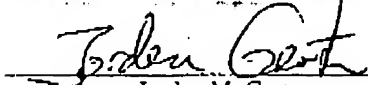
NO. 6941 P. 14

Assignment

Attorney Docket No. 020859-00131005

Page 2

Dated: 10/22/03

  
Jordan M. Gerton

60061874 v1